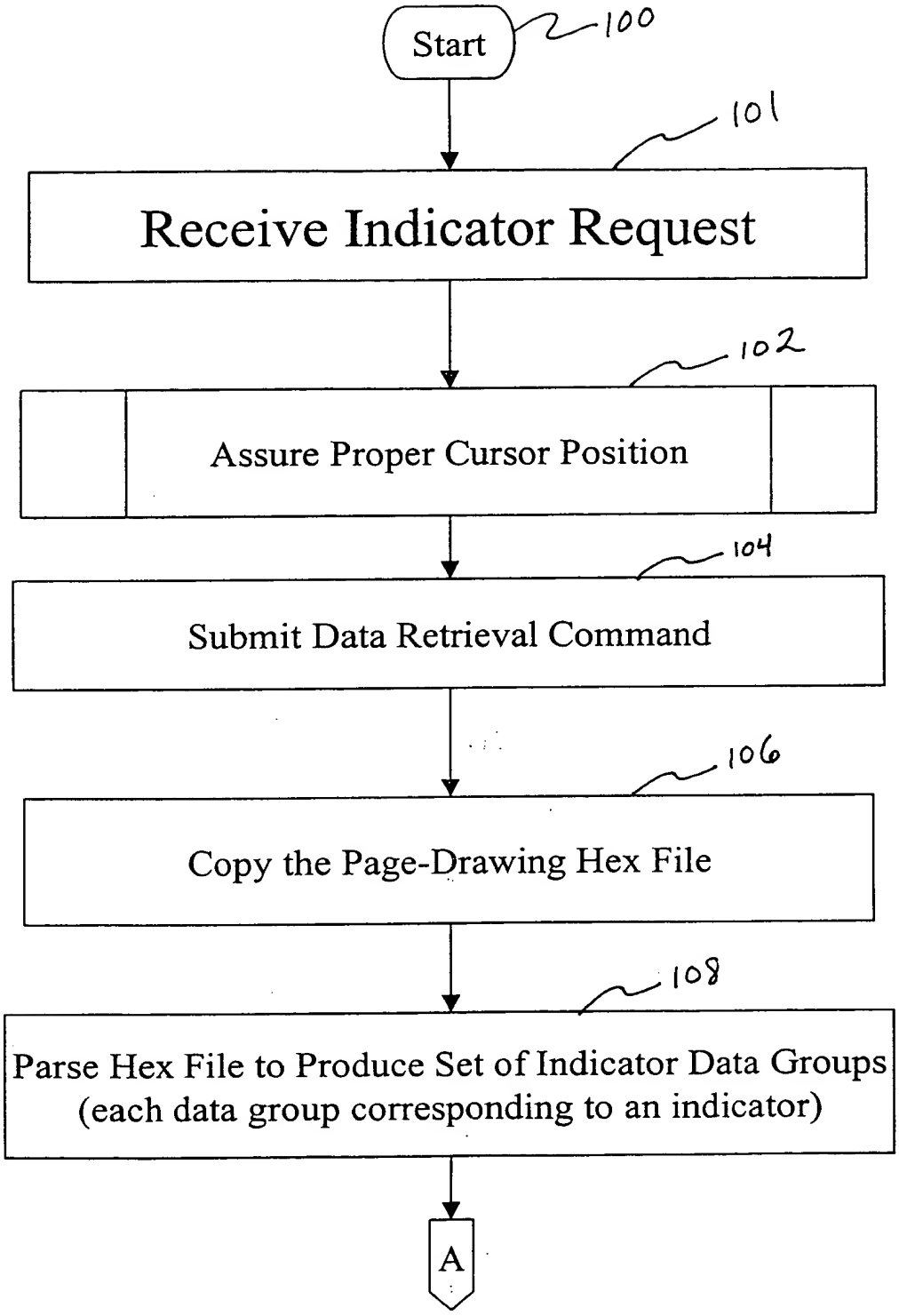
Start
100
101
Receive Indicator Request
102
Assure Proper Cursor Position
104
Submit Data Retrieval Command
106
Copy the Page-Drawing Hex File
108
Parse Hex File to Produce Set of Indicator Data Groups
(each data group corresponding to an indicator)
A

Figure 1A

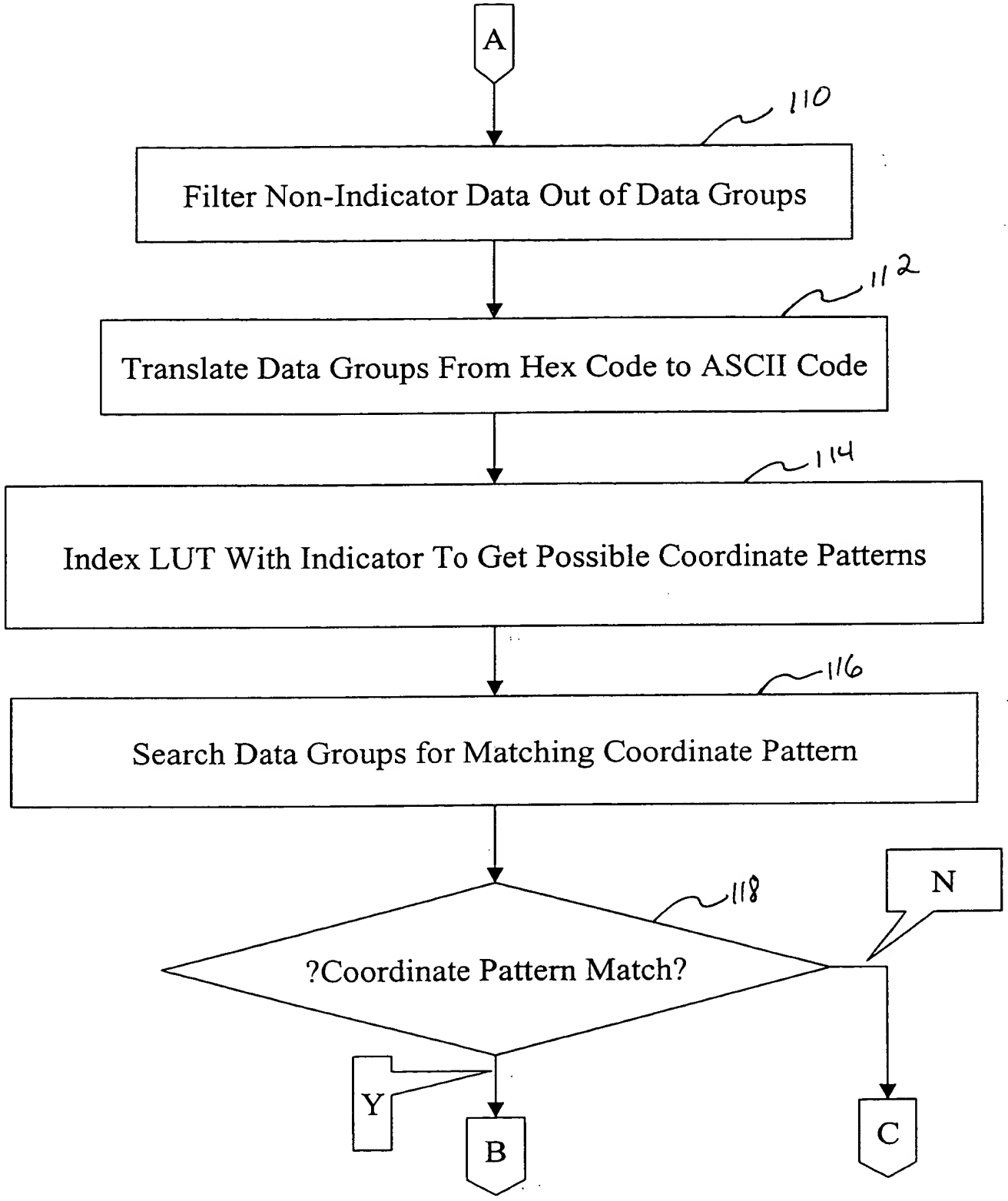
A
110
Filter Non-Indicator Data Out of Data Groups
112
Translate Data Groups From Hex Code to ASCII Code
114
Index LUT With Indicator To Get Possible Coordinate Patterns
116
Search Data Groups for Matching Coordinate Pattern
118
?Coordinate Pattern Match?
N
Y
B
C

Figure 1B

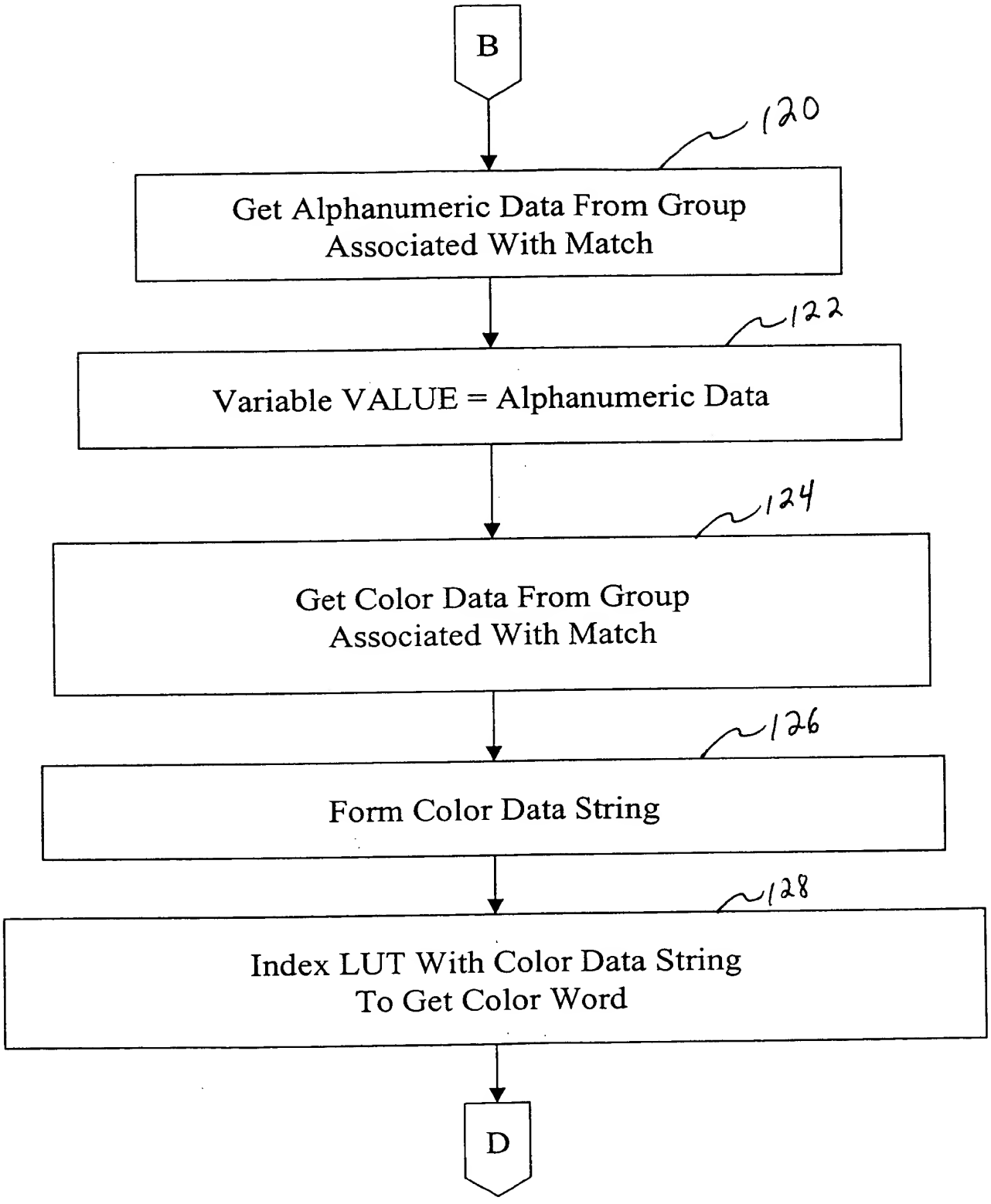
B
120
Get Alphanumeric Data From Group Associated With Match
122
Variable VALUE = Alphanumeric Data
124
Get Color Data From Group Associated With Match
126
Form Color Data String
128
Index LUT With Color Data String To Get Color Word
D

Figure 1C

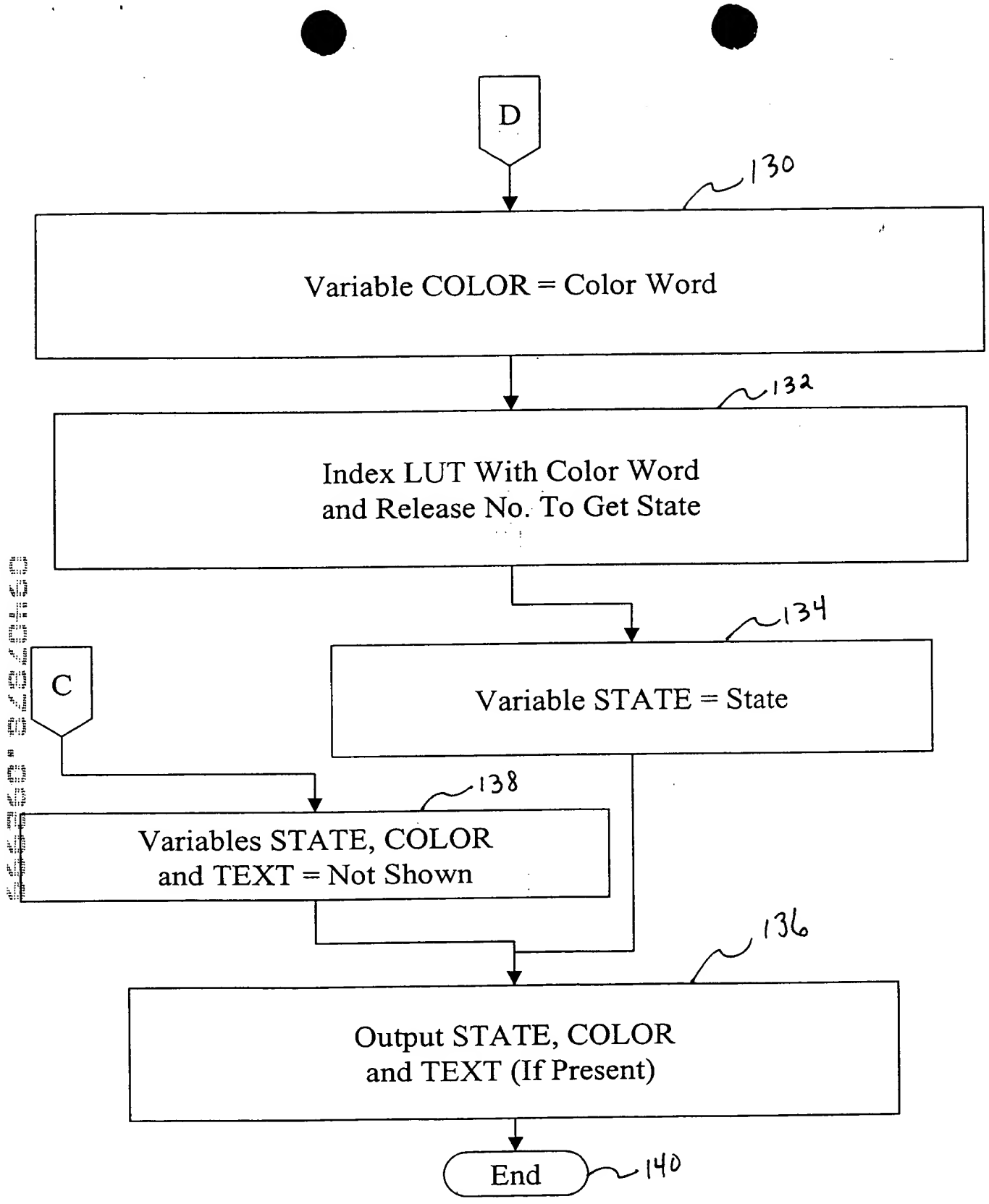
D
130
Variable COLOR = Color Word
132
Index LUT With Color Word
and Release No. To Get State
134
C
Variable STATE = State
138
Variables STATE, COLOR
and TEXT = Not Shown
136
Output STATE, COLOR
and TEXT (If Present)
End
140

Figure 1D

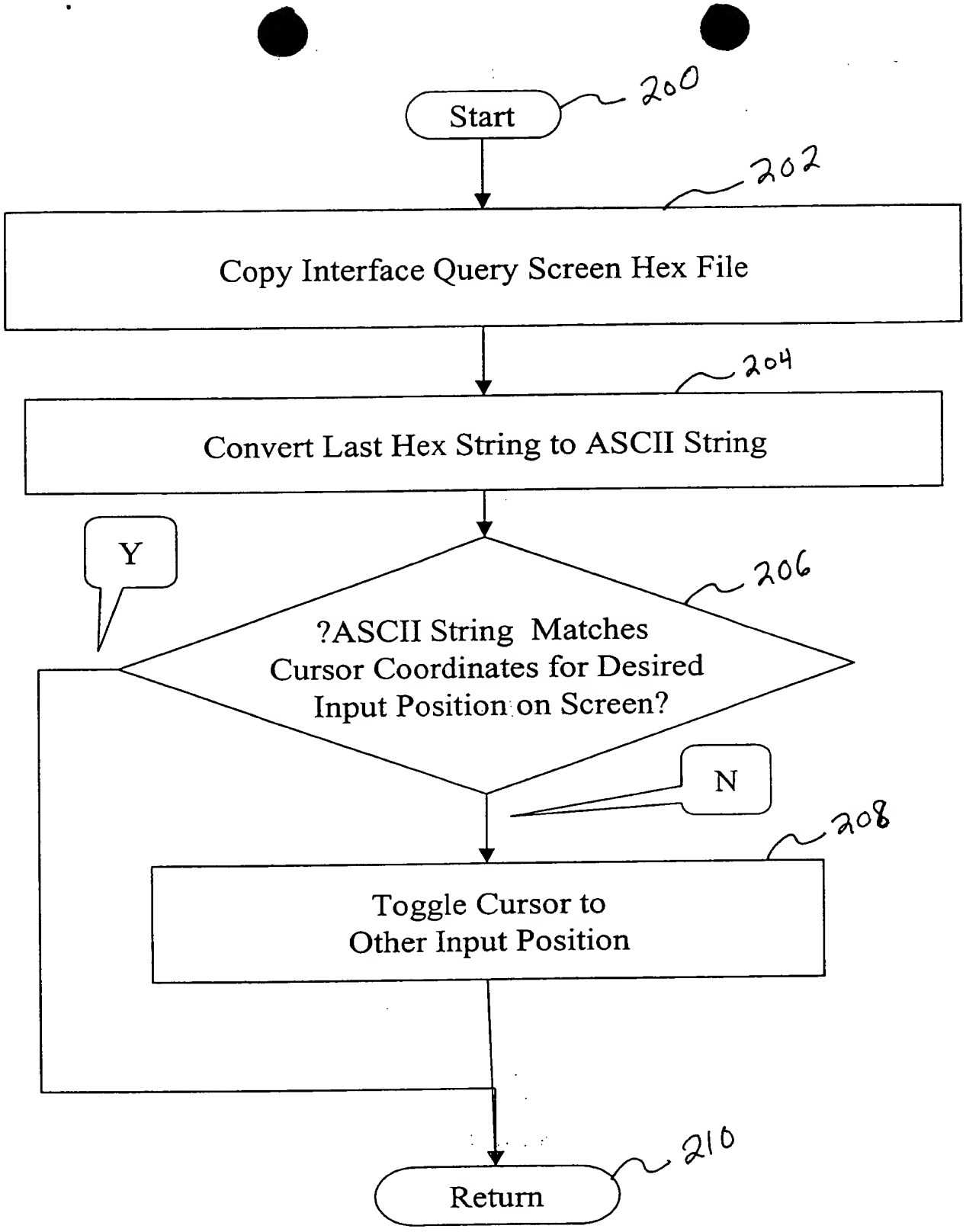
Start
200
202
Copy Interface Query Screen Hex File
204
Convert Last Hex String to ASCII String
Y
206
?ASCII String Matches
Cursor Coordinates for Desired
Input Position on Screen?
N
208
Toggle Cursor to
Other Input Position
210
Return

Figure 2

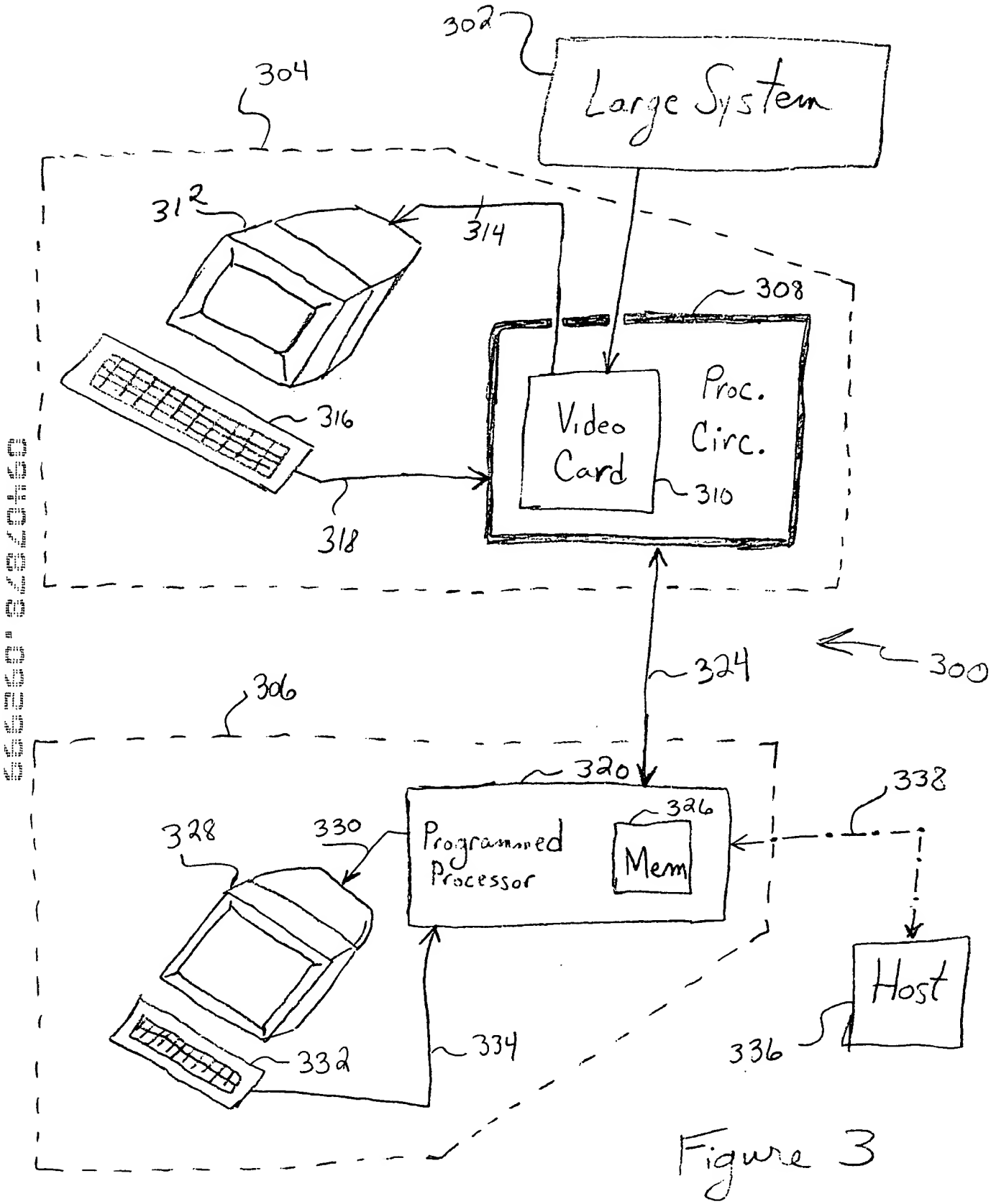
302
Large System
304
312
314
308
Video Card
Proc. Circ.
310
316
318
324
300
306
320
326
Programmed Processor
Mem
328
330
332
334
338
Host
336

Figure 3

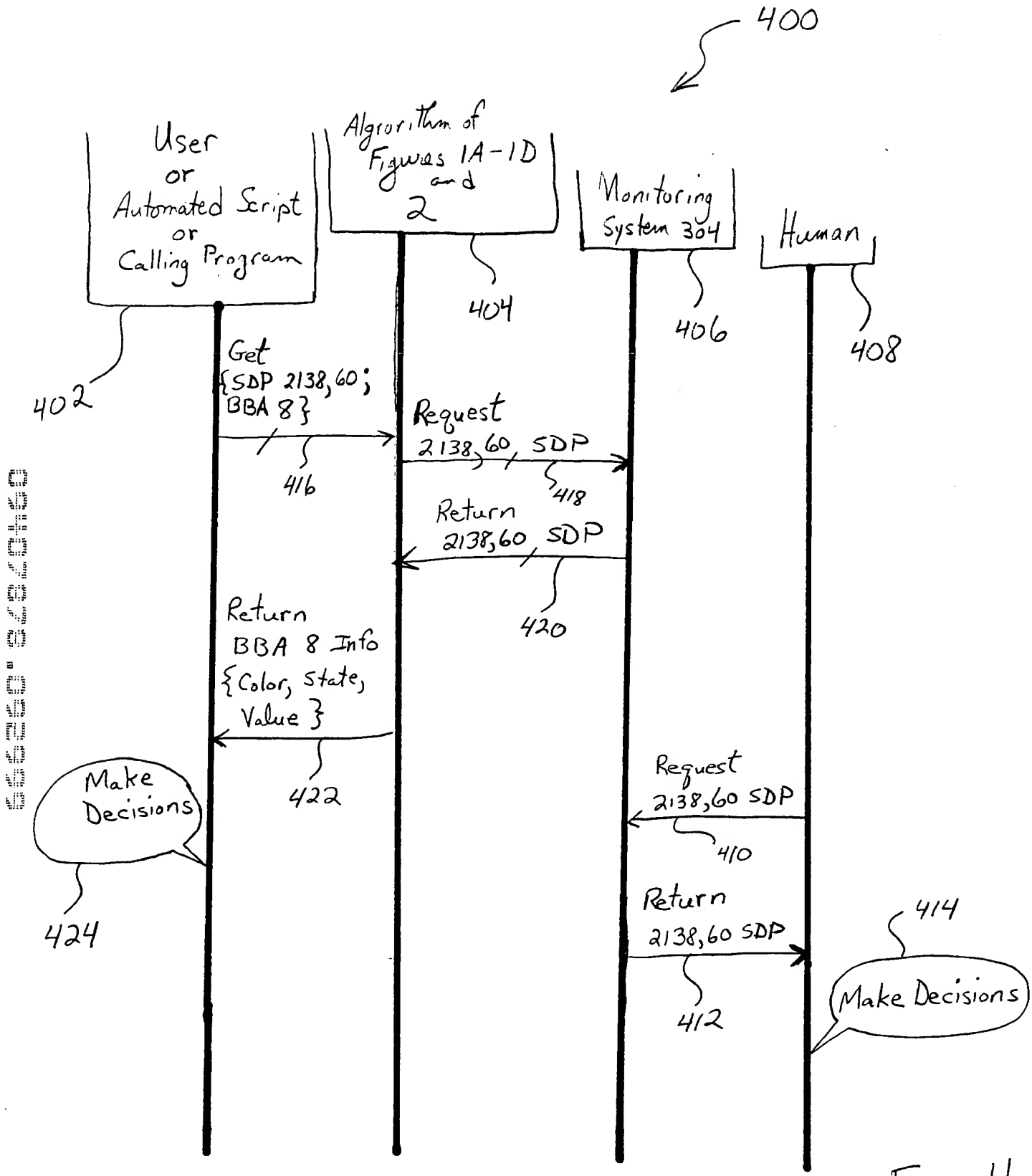
400
User or Automated Script or Calling Program
Algorithm of Figures 1A-1D and 2
Monitoring System 304
Human
402
404
406
408
Get {SDP 2138,60; BBA 8}
416
Request 2138,60 SDP
418
Return 2138,60 SDP
420
Return BBA 8 Info {Color, State, Value}
422
Make Decisions
424
Request 2138,60 SDP
410
Return 2138,60 SDP
412
414
Make Decisions

Figure 4

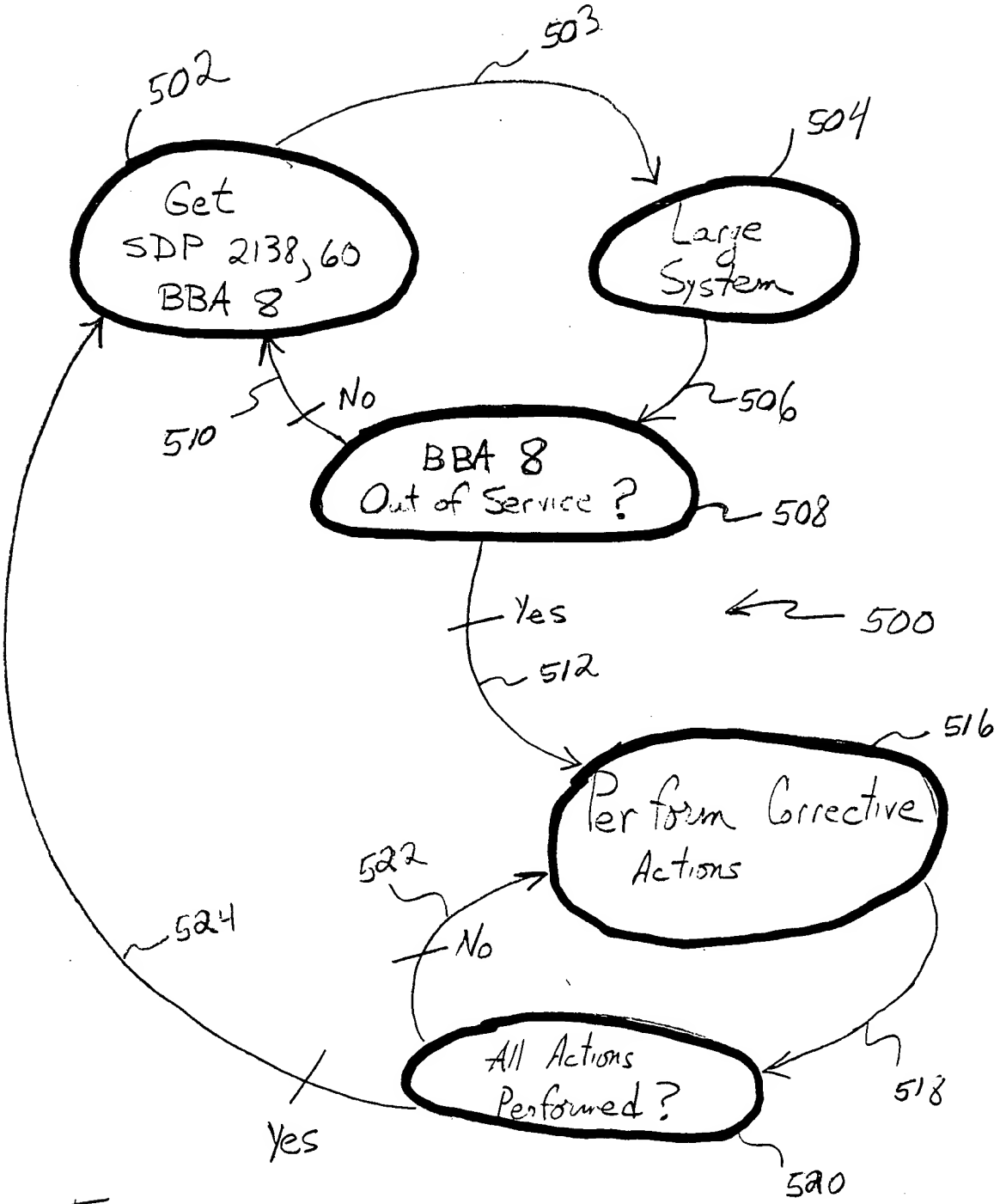
502
503
504
Get
SDP 2138, 60
BBA 8
Large
System
506
510
No
BBA 8
Out of Service ?
508
Yes
500
512
516
Perform Corrective
Actions
522
524
No
All Actions
Performed ?
518
Yes
520

Figure 5